03050204-040

(Dean Swamp Creek)

General Description

Watershed 03050204-040 is located in Aiken and Orangeburg Counties and consists primarily of *Dean Swamp Creek* and its tributaries. The watershed occupies 41,055 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Fuquay-Troup-Ailey series. The erodibility of the soil (K) averages 0.12; the slope of the terrain averages 7%, with a range of 0-25%. Land use/land cover in the watershed includes: 1.65% urban land, 25.43% agricultural land, 10.19% scrub/shrub land, 0.01% barren land, 55.88% forested land, 6.37% forested wetland (swamp), 0.01% nonforested wetland (marsh), and 0.46% water.

Dean Swamp Creek originates near the Town of Crossroads, and flows through several millponds before accepting drainage from Jordan Creek, Abrams Branch, and Bratcher Branch. Dean Swamp Creek then flows through Dean Swamp Pond (100 acres) and drains into the South Fork Edisto River. There are several small recreational ponds and a total of 44.2 stream miles in this watershed, all classified FW.

Water Quality

Station #	Type	Class	Description
E-107	W	FW	DEAN SWAMP CREEK AT SC 4

***Dean Swamp Creek (E-107)* - This stream was Class B until April, 1992. Aquatic life and recreational uses are fully supported.**

A fish consumption advisory has been issued by the Department for mercury and includes the streams within this watershed (see advisory p.31).

Permitted Activities

Point Source Contributions

RECEIVING STREAM / *FACILITY NAME* / *PERMITTED FLOW @ PIPE (MGD)* / *COMMENT*	*NPDES#* / *TYPE* / *LIMITATION*
DEAN SWAMP CREEK	SC0026204
TOWN OF WAGENER	MINOR MUNICIPAL
PIPE #: 001 FLOW: 0.13	WATER QUALITY
PIPE #: 001 FLOW: 0.26 (PROPOSED)	WATER QUALITY
WQL FOR NH3-N, TRC	

Landfill Activities

SOLID WASTE LANDFILL NAME / *FACILITY TYPE*	*PERMIT #* / *STATUS*
AIKEN COUNTY LANDFILL	021001-1101
MUNICIPAL	ACTIVE

Growth Potential

Some industrial growth is possible due to the rail line that runs along the eastern edge of the watershed from the Town of Springfield to the Towns of Salley and Perry. However, there is a decreasing population trend in the towns located within this watershed.